ONTARIO

GENERAL INDEX

TO THE

REPORTS

OF THE

Ontario Department of Mines

Volumes XXXVI to XLIX

(1927-1940)

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General Index

TO THE REPORTS OF THE

Ontario Department of Mines

Volumes XXXVI to XLIX
(1927-1940)

Compiled by E. A. TREVOR

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ONTARIO

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INTRODUCTORY LETTER

To the Honourable Leslie M. Frost,
Minister of Mines.

Sir:— The present General Index, which covers the period 1927–1940 is an indispensable reference to all the reports published by the Ontario Department of Mines for those 14 years. These include geological reports and maps as well as statistical reports on production and mining accidents and the annual reviews on mining operations.

The period in question has been one of the most important in the mining history of Ontario. It has witnessed the discovery and development to production of a great number of new mines and the nearly complete abandonment of operations at the Cobalt camp. On the other hand, the comprehensive nickel-copper industry of Sudbury surged ahead as a result of research into new uses and applications for nickel. Iron mining, which had stopped in 1923, was resumed at the New Helen mine in 1939. Large deposits of hematite were found beneath the waters of Steeprock lake in 1938. Ontario's mining industry survived the worst depression in modern times and was in an excellent position to render invaluable services to the Allied cause throughout the second world war.

After 1932, the higher price for gold greatly stimulated the development of auriferous deposits. Exploration as well as mining development was carried out in areas that had not previously been worked. Many new gold mines came into production in the older camps, and in several cases, the higher price for gold permitted a very considerable extension of ore bodies as lower-grade ores became pay ore. The tonnage of ore milled by the gold mines rose from 3,696,482 tons in 1926 to 5,497,086 tons in 1932, 6,413,010 tons in 1934, and 11,768,273 tons in 1940. The production value jumped from $31,008,507 in 1926 to $70,725,-769 in 1934 and to $122,081,379 in 1940. The aggregate production value of the gold-mining industry had surpassed the billion dollar mark by the end of 1940, and dividends paid amounted to $370,850,885. A very considerable force of skilled labour was involved in the expansion of this industry, and statistics show that the number of men employed increased from 5,778 in 1926 to 11,132 in 1935 and 18,611 in 1940. Up to the end of 1940 the gold-mining industry had paid wages, exclusive of salaries ,totalling $319,102,611.

The growth of the nickel-copper industry during this period was even more spectacular. The depression of 1921, in which year operations were nearly at a standstill in Sudbury, caused the launching of a comprehensive research programme into new uses for nickel. The continuing results of this research work was reflected in the universal and ever-growing demand for this product as shown in the production statistics of the mines. In 1926, they shipped 1,322,050 tons of ore to the smelters. In 1935 the figure stood at 3,684,746 tons, and in 1940, at 8,361,532 tons. From the start of operations to the end of 1940 the mines of the Sudbury basin had shipped 72,337,661 tons of ore, and the value of its primary products, comprising copper, nickel, selenium, tellurium, gold, silver, and metals of the platinum group, amounted to $1,143,179,606.

The production of non-metallic minerals, structural materials, and clay products was adversely affected during the depression years, but the demand by war industries resulted in a general betterment of conditions in those fields.

The numerous gold discoveries reported from 1926 to the end of 1940 gave members of the Geological Branch of the Ontario Department of Mines a busy time. Most of the reports and maps issued by the Department in that period refer to the gold possibilities of the surveyed areas. A number of "spot" surveys were made in all sections of the Province, but reports covering these are not included in the index.

Your obedient servant,

Department of Mines,
Toronto, March ,1949,

H. C. Rickaby,
Deputy Minister of Mines.

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PREFATORY NOTES

In style and make-up this new General Index follows as closely as possible the Indexes of 1921 and 1928. Certain changes have been made, however, with a view to making references more quickly readable and so facilitating use of the Index, as follows:

1. Volume numbers are designated by Arabic figures in heavy type instead of by Roman numerals.
2. Each reference is given a separate line.
3. The previous order in which volume, part, and page were referred to has been reversed to permit tabulation at the right of each column, showing at once what volumes must be consulted for the information desired.

The system of alphabetizing also has been changed slightly to conform to that used in the Annual Reports of the Department of Mines. The arrangement is governed by the position of each complete word or abbreviation in each reference, capitals being disregarded. Groups of initials comprising company names are treated as words; e.g., A.R.L. is read as "Arl". To allow for variation in spelling of names commencing with "Mac" or "Mc", all are alphabetized as though spelled "Mac".

As this Index covers a period of fourteen years it has been necessary, in order to reduce its bulk, to make extensive use of cross-references. In the case of company officers and directors whose names recur in many successive reports, the reader is referred (*q.v.*—which see) to reports shown under the company name, years being given where necessary. Similarly, in the case of quarry and pit operators, natural gas licensees, etc., cross-reference is made to lists in which their names appear. Tables of natural gas statistics of townships, towns, and villages have been indexed under the main heading "Natural gas", with cross-references under the localities.

In compiling the Index special care was taken with geological reports. In view of the changes that have occurred in geological nomenclature, as shown by the preference of authors for noncommittal terms for the older Precambrian rocks ("Keewatin-type", "Algoman-type" or "Post-Keewatin intrusives", "Timiskaming-type" or "Post-Algoman", etc.) as field investigations extended far from the Ontario localities where these rocks were first studied, definite correlations have been noted and possible ones indicated by cross-reference. Of the mineral occurrences reported only those of actual or possible significance have been referred to. The lists of analyses and photomicrographs should be of particular value to students of mineralogy.

Every effort has been made to ensure accuracy in the spellings of names and in the location of places and properties referred to in the Index, close attention being given to reports on properties that have changed ownership and name several times. It has been the aim of the compiler to be authoritative on these points, and it is hoped, therefore, that the Index will prove to be not only a valuable guide to the mass of material in reports of the Department of Mines during the period covered but also a useful work of general reference for all concerned in the mining industry of Ontario.—E. A. T.

ABBREVIATIONS

Numerous abbreviations are used in the Index in order to save space and thereby reduce the bulk of the volume. The principal contractions are noted hereunder:

Alg.—Algoma (district).
Co.—Company.
co.—county.
Coch.—Cochrane (district).
Consol.—Consolidated.
Corp.—Corporation.
cu.—copper.
d. or dist.—district.
div.—division.
E.—east.
g.—gold.
H.B.Co.—Hudson's Bay Company.
i.—iron.
Ken.—Kenora (district).
l.—lake.
m.—mine.
Man.—Manitoba (province).
Mg.—Mining.
mg. div.—mining division.
mncpl.—municipal.
mt.—mountain.
N.—north.
ni.—nickel.
Nip.—Nipissing (district)
N.Y.—New York (state).
Ont.—Ontario (province).
Pat.—Patricia Portion of Kenora (district).
pen.—peninsula.
P.S.d.—Parry Sound (district).
pt.—point.
q.v.—which see.
qy.; qrs.—quarry; quarries.
Que.—Quebec (province).
r.—river.
ref.—reference.
R.R.d.—Rainy River (district).
s.—silver.
S.—south.
sk.—sketch (map).
Sud.—Sudbury (district).
Synd.—Syndicate.
Th. B. d.—Thunder Bay (district).
Tim.—Timiskaming (district).
tp.—township.
U.S.—United States of America.
vol.—volume.
W.—West.

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*or Lost.
†or Elbow.

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Sioux Lookout area	4	(6)	**41**
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(1935)	142	(1)	**45**
(1936)	183	(1)	**46**
(1937)	178	(1)	**47**
(1938)	169	(1)	**48**
(1939)	175	(1)	**49**
Incorporated	46	(1)	**44**
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Incorporated	58	(1)	**36**
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(1934)	18	(5)	**44**
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(1937)	108	(1)	**47**
(1938)	99	(1)	**48**
(1939)	105	(1)	**49**
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(1937)	179	(1)	**47**
(1938)	171	(1)	**48**
(1939)	176	(1)	**49**
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(1927)	134	(1)	**37**
(1933)	94	(1)	**43**
(1934)	93	(1)	**44**
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(1927)	134	(1)	**37**
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(1935-1939)	27	(1)	**49**
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(1935)	9	(1)	**45**
(1936)	13	(1)	**46**
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(1935)	149	(1)	**45**
(1936)	190	(1)	**46**
(1937)	189	(1)	**47**
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(1929)	128	(1)	**39**
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(1927)	6	(1)	**37**
(1928)	6	(1)	**38**
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